The Sum of Polygon Interior Angle Measures

Mathematician \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Convex  Polygon | Picture | Number of  Sides | Number of Diagonals from One Vertex | Number of Triangles | Sum of the  Interior Angles |
| Quadrilateral |  |  |  |  |  |
| Pentagon |  |  |  |  |  |
| Hexagon |  |  |  |  |  |
| Heptagon |  |  |  |  |  |
| Octagon |  |  |  |  |  |
| *n*-gon |  |  |  |  |  |

Polygon Exterior Angle Sum –

Equilateral Polygon-

Equiangular Polygon-

Regular Polygon-